

## MD iMAP Technical Committee Meeting Minutes for August 2020

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 08/04/2020; Time: 1:00PM – 2:00PM

Phone Attendees: Kevin Coyne (DNR); John Lesko (DoIT); Lisa Lowe (DoIT), Conrad Schaefer (DoIT), Susan Hmel (DoIT), Darren Lloyd (DoIT), Dawn Blanchard (DoIT), John Churchill (DoIT), Gary Maragos (MDP), Scott Hansen (MDP), Bill Fearington (DHS), Leah Visakowitz (McCormick Taylor), Jason Ramsey (JMT), Rowland Agbede (MDA), Jason Keppler (MDA), Elizabeth Hoffman (MDA), Marshall Stevenson (MDOT/SHA), Adam Joyce (Copley Consulting Group) and Austin Spivey (Copley Consulting Group); Nick Bumbray

### Agenda

#### *Introductions*

#### *Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko*

- DoIT continues working to support other agencies in the response to COVID-19:
- The GIO team continues to support a COVID-19 ArcGIS Hub site to provide support to MDH during response. (visit <https://coronavirus.maryland.gov/>)
- GIO team continues to work with MDH, MEMA SEOC and GIS Desk for map and dashboard updates related to COVID Cases reported for the counties. MEMA has been responsible for updating daily numbers on the ArcGIS Dashboard.
- Upgrades and additions to the Hub site include the following:
- To track the Percent of the Population tested for COVID-19 by County, GIO developed this chart. The aim of the color coding is to show each County's progress in having 10% of their population tested. 22 of 24 counties, up from 11 of 24 counties have achieved the 10% level. This chart is updated daily.  
A question was asked about the number of tests being counted by the counties. Do the numbers include people who have been tested multiple times. To our knowledge, the counties are counting each test regardless of the number of times a person is tested,
- Since our last conference, MDH/GIO added bar graphics representing Maryland covidLINK Community Contact Tracing Performance Measures. In addition, there are bar graphs showing: Cases Reached and Interviewed Cumulative, Contacts Reached and Interviewed, Cumulative, Cases Reached and Interviewed, Weekly and Contacts Reached and Interviewed, Weekly;
- At the request from State leadership, GIO is tasked with developing a Community Contact Tracing page. Contact tracing is a public health tool professionals use to identify and help break disease transmission chains, keeping people and populations safer from disease spread. Contact tracing involves a comprehensive process that begins with interviewing those infected with a contagious or communicable disease—someone who is a confirmed case. There are 3 types of data necessary for extended contact tracing programs. Cases, Contacts and Locations. The development of the page will involve the generation of several types of products.
  - The bar graphs shown earlier in the presentation represent the volume of contact tracing that is occurring;
  - A Location Map of cases; (addresses of residences, offices, shops, etc)
  - A Heat Map showing a concentration of contacts;
  - A Network Map showing the connections and locations;DOIT analysts will utilize several ESRI software products including ArcGIS Pro, ArcSurvey123 and Insights. In addition, DOIT is contracting with ESRI for professional service to assist in the development of this page.
- The Roadmap to Recovery Reopening the Counties has remained at Phase Two. Recent developments have slowed the reopening process and as of last Friday, the Governor added several new restrictions designed to keep Maryland from reverting back into a more serious condition. This map will be updated as per the Governor's and County executive directives.
- The Testing Site page continues to be a site that is continually undergoing updates and alterations. The application provides a user interface that allows a user to place a point on a map or enter an address or a ZIP code and identifies the testing sites within a selected radius. The page is undergoing a re-design which should be operational in mid August.

### ***An Introduction to Qlik– Adam Joyce; Copley Consulting Group***

- Qlik provides a platform that provides for data management, analytics, and visualization;
- Moves data at a scale in real-time without tasking source systems, efficiently delivering to the cloud and beyond;
- Sets the benchmark for a new generation of data analytics;
- Powerful AI accelerates discoveries and raises data literacy, automating processes and surfacing contextual insights;
- Embed analytics directly into applications and business processes, so actions are immediately driven;
- Presented a Dashboard from the State of Texas that focused on providing the public with budget and funding analysis; Much like the Maryland Transparency Portal

### ***MD iMAP 3.0 Update – John Lesko***

- DOIT and the Department of Budget and Management continue to work on improving the Maryland Transparency Portal. A collaborative effort between DoIT and MDB. DOIT is working to make enhancements to data throughput and data availability. Look for these changes in the coming months.
- The Maryland Department of Natural Resources (DNR) is requesting GIS services to migrate to the enterprise GIS platform to replace the aging GIS infrastructure currently relied upon by DNR employees for many critical job functions, such as maintaining a database of land acquisitions, wildlife management, and fisheries resource management. This request involves the migration of DNR's existing GIS infrastructure to the DoIT-hosted enterprise GIS infrastructure. This request will include the installation and configuration of ArcGIS Enterprise (ArcGIS Server, Portal for ArcGIS, ArcGIS Data Store, and Web Adaptor) and SQL Server. GIO will:
  - 1) Work alongside DNR designated employees to plan and design the necessary infrastructure configuration;
  - 2) Build the virtual server infrastructure, and apply appropriate security and firewall configurations;
  - 3) Deploy and configure software to enable DNR to migrate to the new DoIT hosted GIS infrastructure;
  - 4) Provide annual estimates for four (4) years of maintenance and support.The process is expected to begin in September 2020 and be completed by December 2020.
- The Maryland Department of Planning is requesting software upgrades for their development and production servers. The servers are hosted at Tierpoint. MDP is providing an upgrade of Arcgis Server Standard (vers. 10.7 to vers 10.8) for the development environment (MDP-GIS-3) and also an upgrade for production server (MDP-IMAP-1) from vers. 10.3.1 to vers. 10.8.

### ***Subcommittee Updates***

#### ***Training – Lisa Lowe***

- We received an online training course for Intermediate AGOL from WBCM. This will be added to the MD iMAP Portal Training page.

#### ***Centerlines – Marshall Stevenson***

- No updates at this time.

#### ***Composite Locator – Lisa Lowe***

- It's time for the 3rd quarter updates. An email to the counties was sent out a couple days ago.

#### ***Imagery – Lisa Lowe***

- The 2019 imagery is available for download and available as an image service. The map service is in development but the caches take a long time to build. DoIT and AECOM reviewed Sanborn's control report for the 2020 Western Shore imagery and had some concerns. Those concerns were discussed with Sanborn and Sanborn will go back to the survey company for further information. At this point, it is not anticipated that this will affect the final product. AECOM reviewed the pilot imagery from Sanborn and submitted the report to DoIT. Right now, we still anticipate receiving the imagery the end of November or beginning of December.

### **Lidar – John Lesko**

° DOIT and ESRGC held a conference to discuss FY21 plans and objectives. The derivative products for Howard County and Prince George's county lidar data sets are priorities. We will work in any datasets completed for the Lower Eastern Shore that may become available early next year. May enhance training modules to include instructions for downloading elevation data and generating the derivative products to include contours, hillshades, slope etc.

### ***Action Items***

- A suggestion was offered about the possibility of having a presentation of Google Analytics.

### ***Additional Business***

- None identified